

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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1. (Previously Presented) A latch mechanism including a housing, a pawl movably mounted in the housing to release a latch, at least one of an inside and outside lock link mounted so as to be movable between a first position at which operation of an associated release member causes movement of the pawl to release the latch, and a second position at which operation of the associated release member does not cause movement of the pawl wherein the at least one lock link is mounted such that movement of the pawl is necessarily accompanied by movement of the link and in which the at least one lock link is pivotally mounted for rotational movement between the first and second positions.
2. (Original) A latch mechanism as defined in claim 1 in which the pawl is rotatably mounted in the housing.
3. (Previously Presented) A latch mechanism as defined in claim 1 in which a pawl lifter is connected to the pawl and the at least one lock link is mounted on the pawl lifter.
4. (Canceled)

5. (Previously Presented) A latch mechanism including a housing, a pawl movably mounted in the housing to release a latch, at least one of an inside and outside lock link mounted so as to be movable between a first position at which operation of an associated release member causes movement of the pawl to release the latch, and a second position at which operation of the associated release member does not cause movement of the pawl wherein the at least one lock link is mounted such that movement of the pawl is necessarily accompanied by movement of the link and where said at least one of an inside and outside lock link comprises both an inside and outside lock links and in which the inside and outside lock links are both mounted for movement with the pawl.

6. (Previously Presented) A latch mechanism as defined in claim 1 in which indexing of a cam effects movement of the at least one lock link between the first and second positions.

7. (Original) A latch mechanism as defined in claim 6 in which the cam is rotationally mounted for indexing.

F/ 8. (Previously Presented) A latch mechanism including a housing, a pawl movably mounted in a housing to release the latch, with at least one of an inside and outside lock link mounted for movement with the pawl with the at least one lock link being movable between a first position at which operation of an associated release member causes movement of the pawl to release the latch, and a second position at which operation of the associated release member does not cause movement of the pawl in which indexing of a cam effects movement of the at least one lock link between the first and second positions, in which the cam is rotationally mounted for indexing and in which the cam is rotationally mounted co-axially with the pawl

9. (Previously Presented) A latch mechanism including a housing, a pawl movably mounted in a housing to release the latch, with at least one of an inside and outside lock link mounted for movement with the pawl with the at least one lock link being movable between a first position at which operation of an associated release member causes movement of the pawl to release the latch, and a second position at which operation of the associated release member does not cause movement of the pawl in which indexing of a cam effects movement of the at least one lock link between the first and second positions, and in which the cam includes at least 2 cam lobes which position the at least one lock link in one of the first and second positions, with the at least 2 cam lobes being separated by a cam valley which positions the at least one lock link in the other of the first and second positions.

10. (Previously Presented) A latch mechanism as defined in claim 6 wherein said at least one of an inside and outside lock link comprises both an inside and outside lock links and in which indexing of the cam effects movement of both the inside and outside lock links.

11. (Previously Presented) A latch mechanism as defined in claim 6 in which the cam has a plurality of lobes.

12. (Previously Presented) A latch mechanism as defined in claim 6 in which the release member is capable of indexing the cam to move at least one of the lock links between the first and second positions.

13. (Previously Presented) A latch mechanism as defined in claim 12 in which the release member is capable of indexing the cam to move at least one of the lock links from the second position to the first position.

14. (Previously Presented) A latch mechanism as defined in claim 1 in which movement of the at least one lock link between the first and second position is effected by a power actuator.

15. (Previously Presented) A latch mechanism including a housing, a pawl movably mounted in a housing to release the latch, with at least one of an inside and outside lock link mounted for movement with the pawl with the at least one lock link being movable between a first position at which operation of an associated release member causes movement of the pawl to release the latch, and a second position at which operation of the associated release member does not cause movement of the pawl in which the pawl is capable of being moved to release the latch by a power actuator in which the power actuator indexes a cam as well as the pawl wherein indexing of the cam effects movement of the at least one lock link between the first and second positions.

16. (Canceled)

17. (Previously Presented) A latch mechanism as defined in claim 15 in which the power actuator drives the cam such that an abutment on the cam operatively co-acts with an abutment fastened with the pawl to release the latch mechanism.

18. (Previously Presented) A latch mechanism as defined in claim 1 having a set of operating modes, each mode having alternate states, the set including at least one of a lock mode and a super lock mode, and at least one of a child safety mode and a release mode, changing of the latch mechanism between alternate states of each of the at least two modes of the set being effected by a single power actuator.

19. (Original) A latch mechanism as defined in claim 18 in which the set includes the lock mode and the super lock mode and at least one of the child safety mode and release mode.

20. (Previously Presented) A latch mechanism as defined in claim 18 in which the set includes at least one of the lock mode and super lock mode and both of the child safety mode and the release mode.

21. (Previously Presented) A latch mechanism as defined in claim 1 having a set of operating modes, each mode having alternate states, the set including a child safety mode and a release mode, changing of the latch mechanism between alternate states of each of the modes being effected by a single power actuator.

22-28. (Canceled)


29. (Previously Presented) A latch mechanism including a housing, a pawl movably mounted in the housing to release a latch, at least one of an inside and outside lock link mounted so as to be movable between a first position at which operation of an associated release member causes movement of the pawl to release the latch, and a second position at which operation of the associated release member does not cause movement of the pawl wherein the at least one lock link is mounted such that movement of the pawl is necessarily accompanied by movement of the link wherein the at least one lock link is mounted for rotation about a common first axis with the pawl.

30. (Previously Presented) A latch mechanism as defined in claim 1 in which the at least one lock link is pivotally mounted about a second axis for rotational movement between the first and second positions.

31. (Previously Presented) A latch mechanism as defined in claim 30 wherein the rotation of the at least one lock link about the second axis occurs relative to a pawl lifter.

32. (Previously Presented) A latch mechanism as defined in claim 1 wherein said at least one of an inside and outside lock link comprises both an inside and outside lock links and in which the inside and outside lock links are both mounted such that movement of the pawl is necessarily accompanied by movement of both the inside and outside lock links.

33. (Previously Presented) A latch mechanism including a housing, a pawl movably mounted in the housing to release a latch, an inside and outside lock links mounted so as to be movable between a first position at which operation of an associated release member causes movement of the pawl to release the latch, and a second position at which operation of the associated release member does not cause movement of the pawl wherein at least one of the inside and outside lock links is mounted such that movement of the pawl is necessarily accompanied by movement of the at least one of the inside and outside lock links wherein the inside and outside lock links are both mounted for rotation about a common first axis with the pawl.

 34. (Previously Presented) A latch mechanism as defined in claim 33 wherein rotation of one of the inside and outside lock links about the common first axis is necessarily accompanied by a corresponding rotation of the other of the lock links about the common first axis.

35-38. (Canceled)

39. (Previously Presented) A latch mechanism having a set of operating modes, each mode having alternate states, the set including at least one of a lock mode and a super lock mode, and at least one of a child safety mode and a release mode, changing of the latch mechanism between alternate states of each of the at least two modes of the set being effected by a single power actuator wherein a cam having a single plane profile is driven by the actuator to select the states, further comprising at least one of an inside and outside lock link movable by the cam between a first position representing a first of the alternate states and a second position representing a second of the alternate states in which the cam includes at least two cam lobes which position the at least one lock link in one of the first and second positions, with the at least two cam lobes being separated by a cam valley which positions the at least one lock link in the other of the first and second positions.

40-46. (Canceled)

fl 47. (Cancelled)
